



FORM PTO-149 TRADEMARK OFFICE U.S. Department of Commerce Patent and Trademark Office		ATTY. DOCKET NO: 100-1543	SERIAL NO.: 10/695,078
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT: OUNADJELA	EXAMINER:
		FILING DATE: October 28, 2003	GROUP: 3662

### U.S. PATENT DOCUMENTS

Exam Init.	Document Number	Date	Name	Class	Sub-class	Filing date if appropriate
FP	4,651,044	3/17/87	Kompanek	310	323	3/25/80
FP	5,228,011	7/13/93	Owen	367	147	5/13/91
FP	4,505,362	3/19/85	Layotte et al.	188	67	7/2/82
FP	US20030205428-A1	11/6/03	Chang	181	108	4/25/02

### FOREIGN PATENT DOCUMENTS

Exam Init.	Document Number	Date	Country	Class	Sub-class	Translation Yes      No

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

FP	Balogh, W.T., Owen, T.E. and Harris, J.M. <i>New Piezoelectric Transducer for Hole-to-hole Seismic Applications</i> . 58 Ann. Int'l Mtg. Soc. of Expl. Geophys. Anaheim, CA (Oct 30-Nov 3, 1988).
FP	Deflandre, J.P., Laurent, J. and Blondin, E. <i>Use of Permanent Geophone for Microseismic Surveying of a Gas Storage Reservoir</i> . 55th EAGE Meeting, June 7-11, 1993
FP	Dumont, M-H., Fayemendy, C., Mari, J-L. and Huguet, F. <i>Underground Gas Storage: Estimating Gas Column Height and Saturation with Time Lapse Seismic..</i> Petroleum Geoscience, Vol. 7 (2001) pp. 155-162.
FP	Kennedy, W., Wiggins, W. Aronstam, P. and Hardage, R.A. <i>A Swept-Frequency Borehole Source for Inverse VSP and Cross-Borehole Surveying</i> : 7th Geophysical Conference, Austr. Soc. Expl. Geophys. 20, 133-136.
FP	Meunier, J., Huguet, F., Meynier, P. <i>Reservoir Monitoring Using Permanent Sources and Vertical Receiver Antennae: The Cérè-la-Ronde Case Study</i> . The Leading Edge (Jun 2001) pp. 622-629.
FP	Owen, T.E., Thomas, B. and Peters, W.R. <i>Arc Discharge Pulse Source for Borehole Seismic Applications</i> . 58th Ann. Int'l Mtg: Soc. of Expl. Geophys., Session:DEV2.4, pp. 151-154.
FP	Paulsson, B.N.P., Meredith, J.A., Wang, Z. and Fairborn, J.W. <i>The Steepbank Crosswell Seismic Project: Reservoir Definition and Evaluation of Streamflood Technology in Alberta Tar Sands</i> . The Leading Edge (Jul 1994) pp. 737-747.
FP	Turpening, R. and Krasovec, M. <i>Imaging with Reverse Vertical Seismic Profiles Using a Downhole, Hydraulic, Axial Vibrator</i> . 62nd Mtg. Eur. Assn. Geosci. Eng., Session:P0161.
FP	Ziolkowksi, A., Sneddon, Z. and Walter, L. <i>Determination of Tube-Wave to Body-Wave Ratio for Conoco Borehole Orbital Source</i> . 69th Ann. Int'l Mtg.: Soc. of Expl. Geophys., pp. 156-159.

EXAMINER <i>East Phillips</i>	DATE CONSIDERED <i>3/22/06</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant	